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(19)

(11) Publication number: **2002001323 A**

Generated Document

PATENT ABSTRACTS OF JAPAN(21) Application number: **2000229947**(51) Intl. Cl.: **C02F 1/40**(22) Application date: **22.06.00**

(30) Priority:

(43) Date of application
publication: **08.01.02**(84) Designated contracting
states:(71) Applicant: **FUJIWARA MITSUHIRO**(72) Inventor: **FUJIWARA MITSUHIRO**

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**(54) SCUM WATER
TREATING APPARATUS**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a scum water treating apparatus which is excellent in separation treatment ability.

SOLUTION: This scum water treating apparatus is provided with a separation tank which introduces scum water from a treatment basin such as a circular sedimentation basin or a rectangular sedimentation basin and subjects the scum water to orbital movement, a parting cylinder which leaves a passage for the orbital movement in the separation tank, is erected in such a manner that the upper end exists above the surface of the water and, on the other hand, enables introducing separated water through the lower side, a separated water drawing out cylinder which is disposed in the parting cylinder and enables introducing the separated water into the parting cylinder and a means which draws the separated water from the inside of the separated water drawing out cylinder to the outside. In addition, this scum water

treating apparatus is constituted in such a manner that a scum concentration tank which allows the floating scum to flow in, concentrates the same and enables drawing settled sludge is disposed at the terminal part of the passage which is the inner and outer space between the separation tank and the parting cylinder and the scum after concentration can be discharged.

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